

## Abstract of the Disclosure

5 An agent and process for the corrosion protection treatment of a metal surface are provided. The metal surface is contacted with a homo- or copolymer of vinylpyrrolidone, the application solution containing

10 a) 0.02 to 20 g/l phosphoric acid and/or at least one fluoric acid of one or more elements selected from Zr, Ti, Hf and Si or anions thereof, as well as

b) 10 to 49.9 g/l of a homo- or copolymer of vinylpyrrolidone.

15